

9160201 BITUMINOUS MATERIALS
INTERNAL/INDUSTRY REVIEW COMMENTS

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Comments: (5-26-16)

1. 916-2.1 Consider rewording the following statement: “When the Contract Documents specify either a PG 76-22 (PMA), PG 76-22 (ARB), or PG 76-22 binder, either binder can be used interchangeably at no additional cost to the Department.” The word “either” implies one or the other, but there are three potential binder types to choose from.

Response: Since the word “either” was used before listing the binders, it is appropriately used after listing the binders.
No change made.

2. 916-4 Proposed wording in 916-4 is considerably different than that in the latest July 2016 specification. Additional markups should be shown so that it is clear what revisions are being made.

Response: Section 916 was revised by Mandatory No. 1 (Man01) subsequent to the implementation of the July 2016 Workbook and eBook. The Mandatory changes are applicable for all jobs let July 1, 2016 and forward. You may review the revisions on the Specs webpage.
No change made.

3. 916-4.2 Consider revising the following statement if liquid anti-strip agents will be limited to 0.50% as suggested in proposed specification 287-2: “Results from this testing may meet the Department’s requirement of minimum tensile strength ratio of 0.80 or may indicate the need for a larger dosage rate of anti-strip agent (up to 0.75% maximum) or may require a different anti-strip agent to meet the specification requirements.”

Response: This is a good question. Do to their nature, ATPB mixtures are not able to be tested utilizing FM 1-T 283 to determine their moisture resistance, therefore, these mix types are fixed using a liquid anti strip dosage rate of 0.5%. Furthermore, there is a fairly new process at the SMO that all anti strips are thoroughly evaluated at a dosage rate of 0.5% and must pass the testing of FM 1-T 283 with dense graded Superpave mixtures to be put on the APL. Anti strip products are evaluated with Florida limestone, Georgia granite, Nova Scotia granite and Alabama limestone. All must pass with a particular anti strip for that anti strip to be placed on the APL. However, there is one aggregate type (Honduran) that is only used occasionally, that is very moisture sensitive and will always have to be tested with the particular anti strip that the contractor intends to use with their mixture. For these rare situations, the dosage may have to increase to 0.75%. That is the reason for the statement below from the 916 specification: “Results from this testing may meet the Department’s requirement of minimum tensile strength ratio of 0.80 or may indicate the need for a larger dosage rate of anti-strip agent (up to 0.75% maximum) or may require a different anti-strip agent to meet the specification requirements.”
No change made.
